

FIG. 1A.

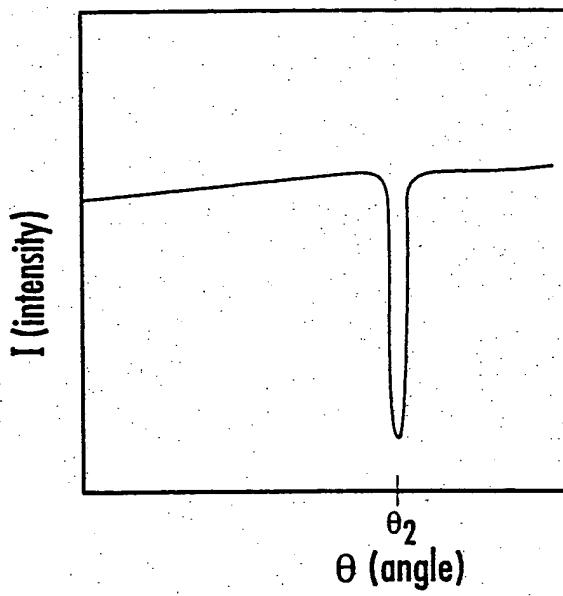


FIG. 1B.

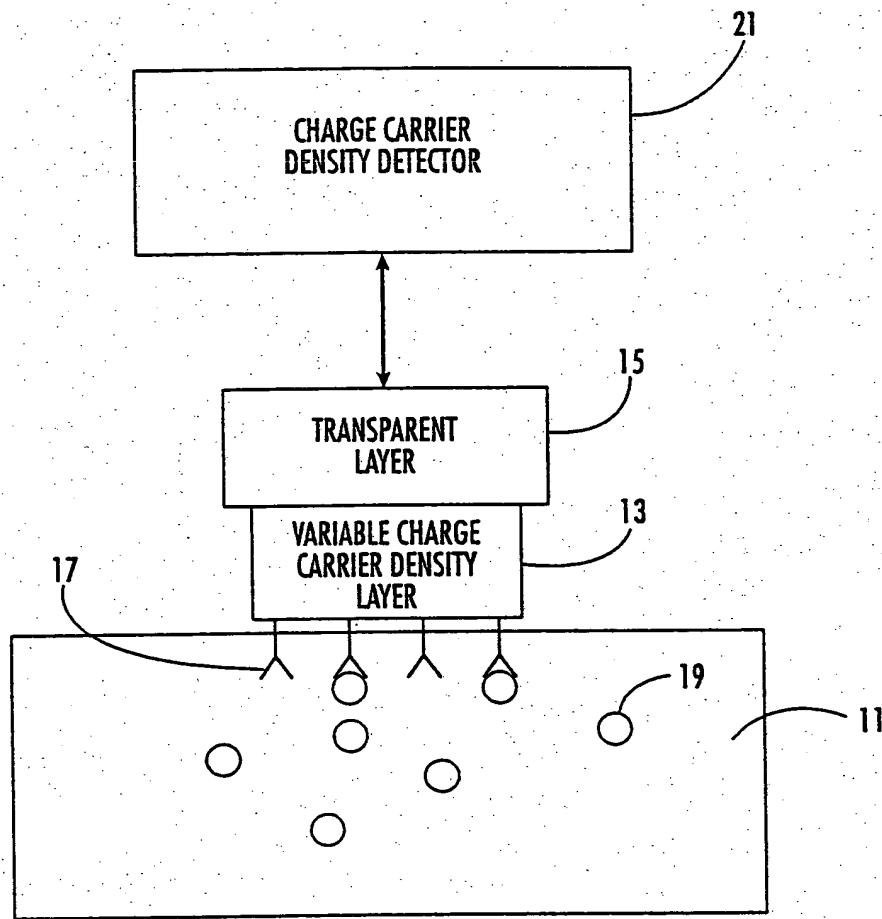


FIG. 2.

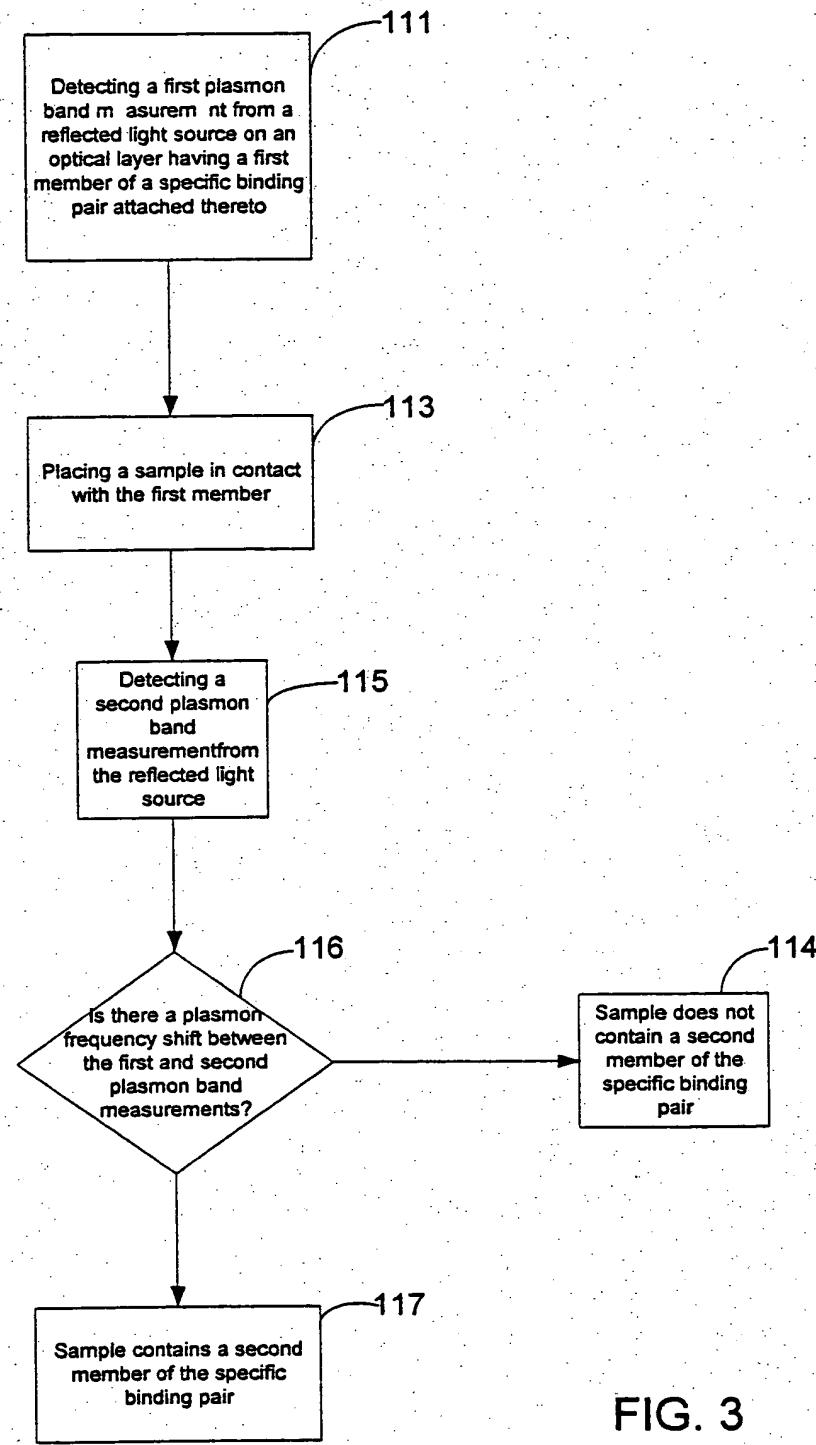


FIG. 3

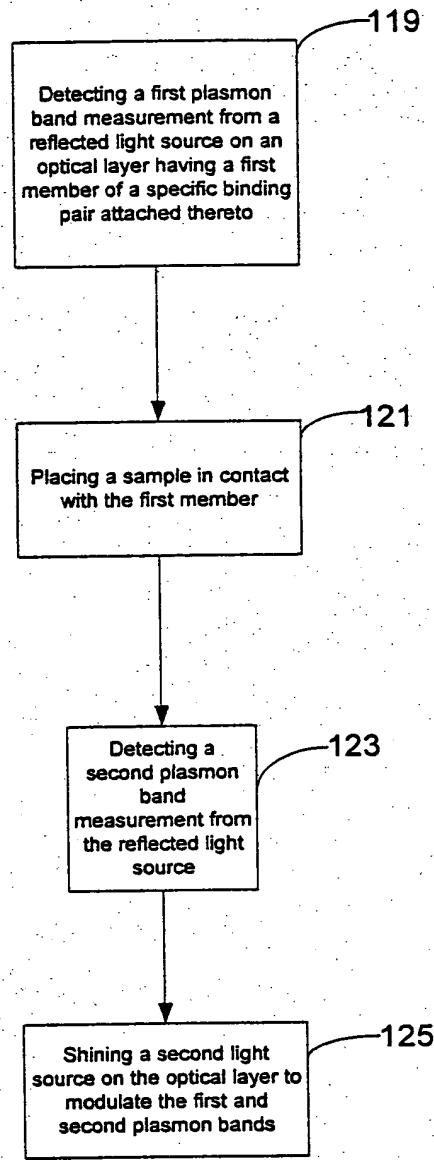


FIG. 4

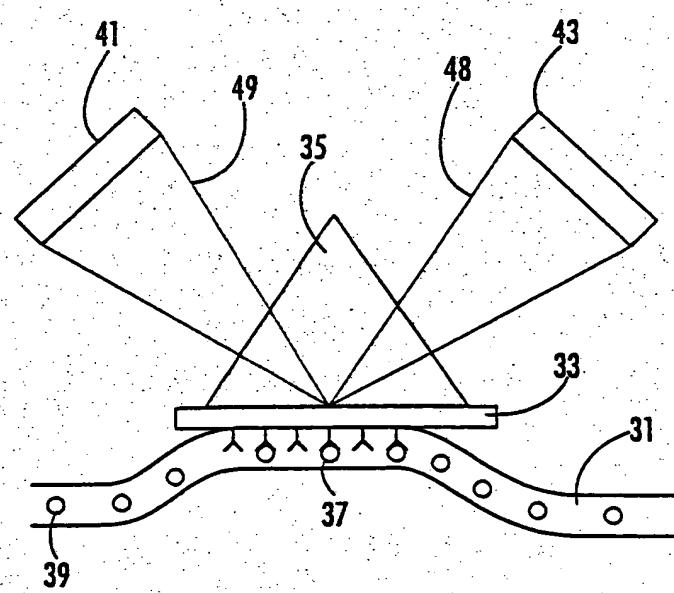


FIG. 5A.

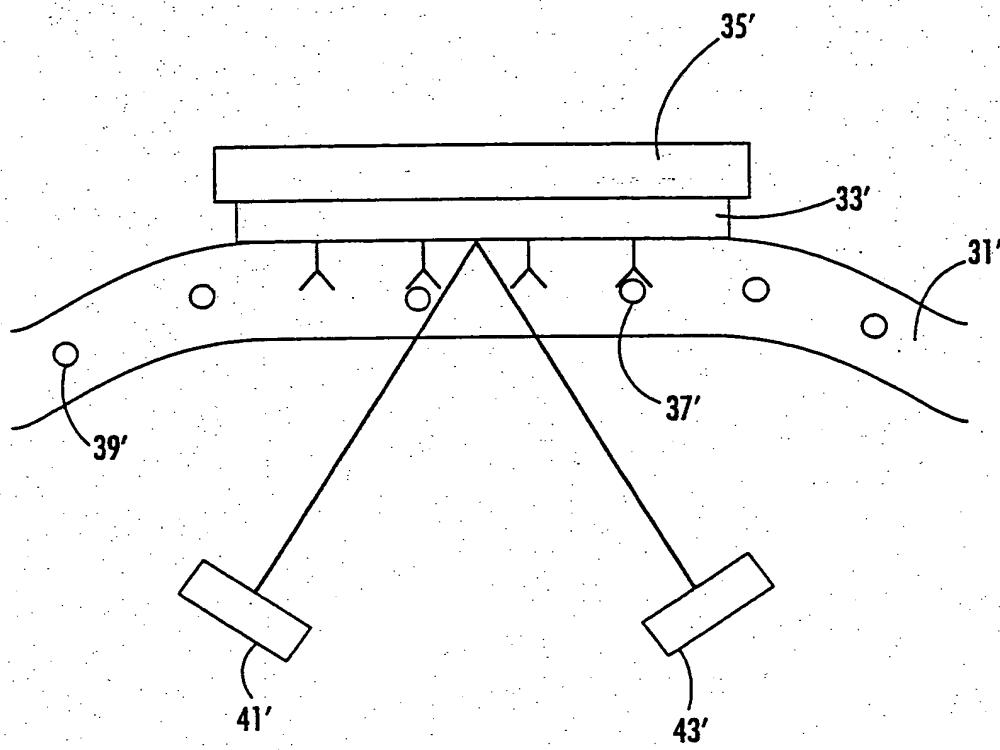


FIG. 5B.

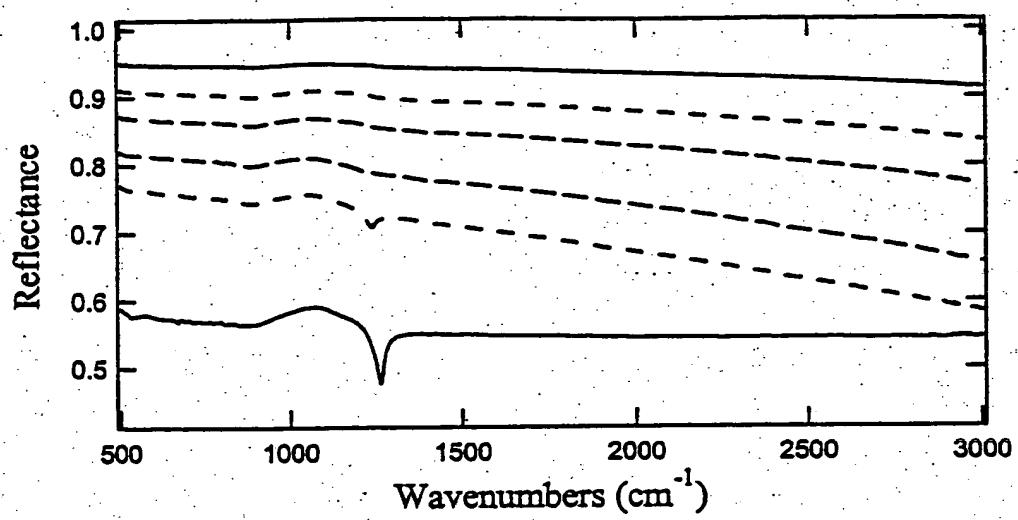


FIG. 6

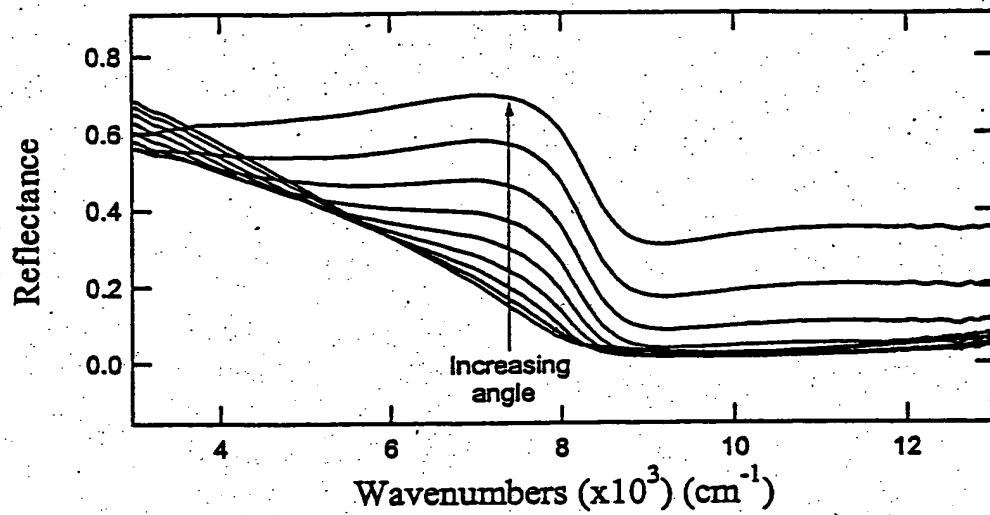


FIG. 7A

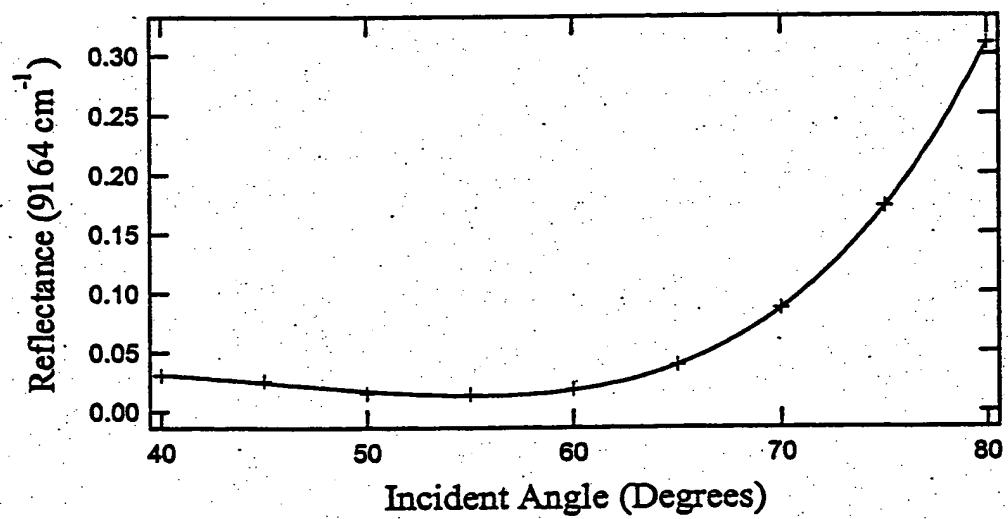


FIG. 7B

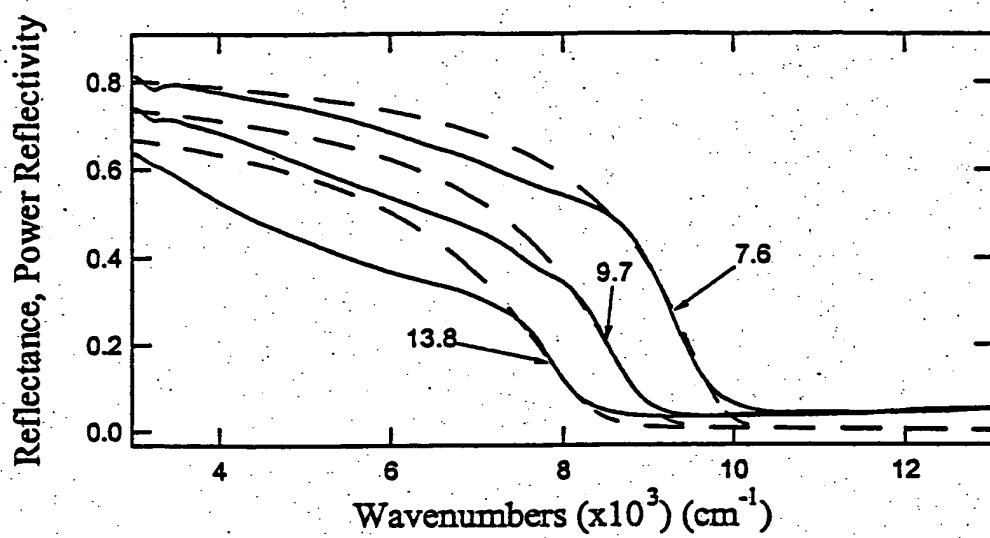


FIG. 8A

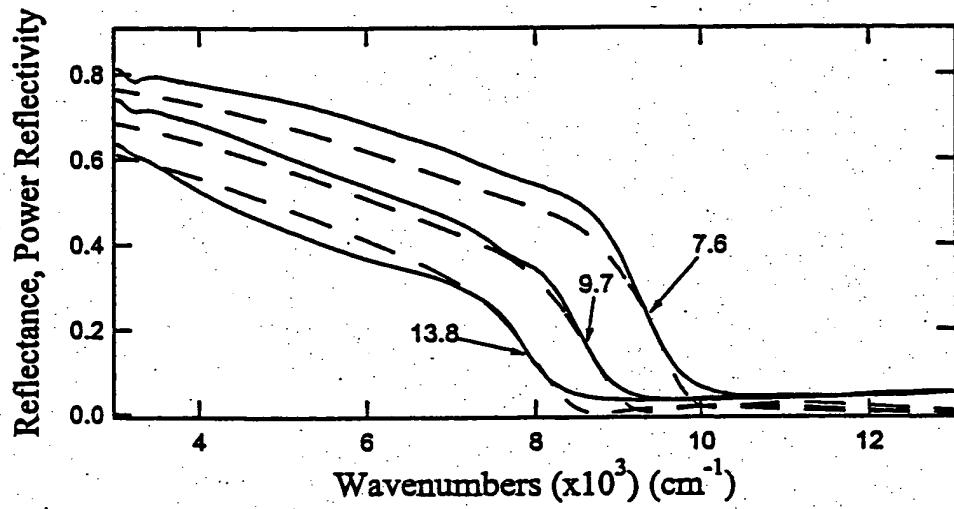


FIG. 8B

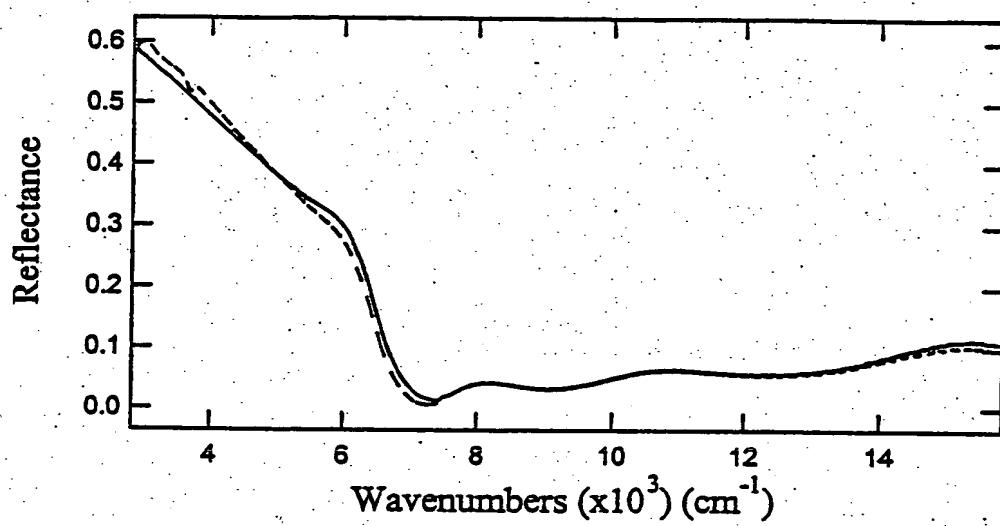


FIG. 9

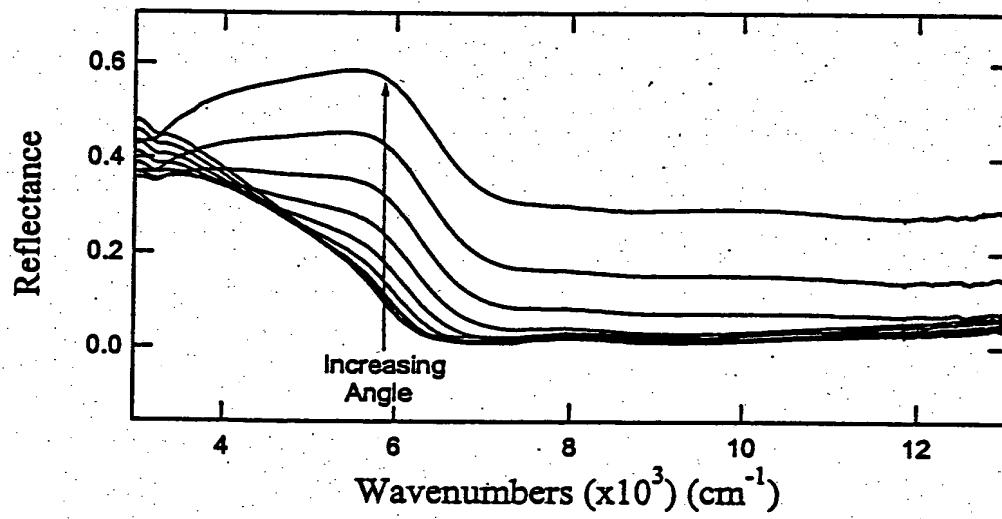


FIG. 10

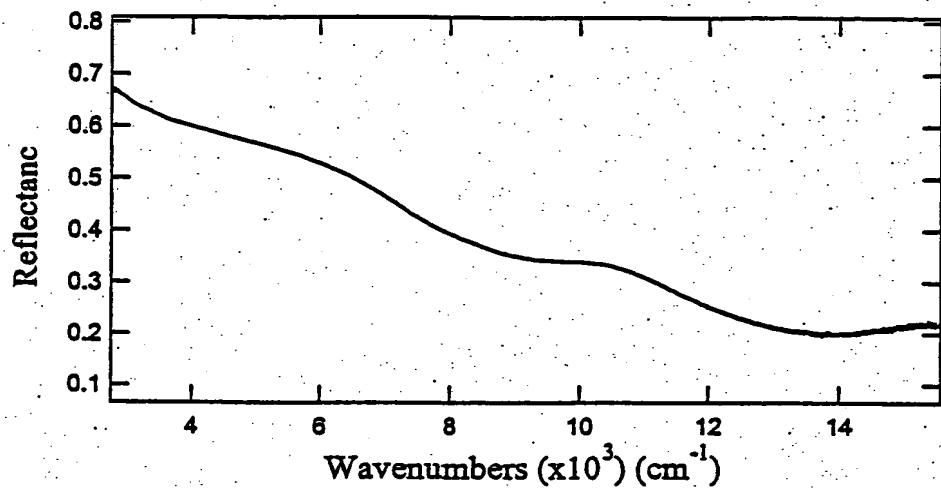


FIG. 11

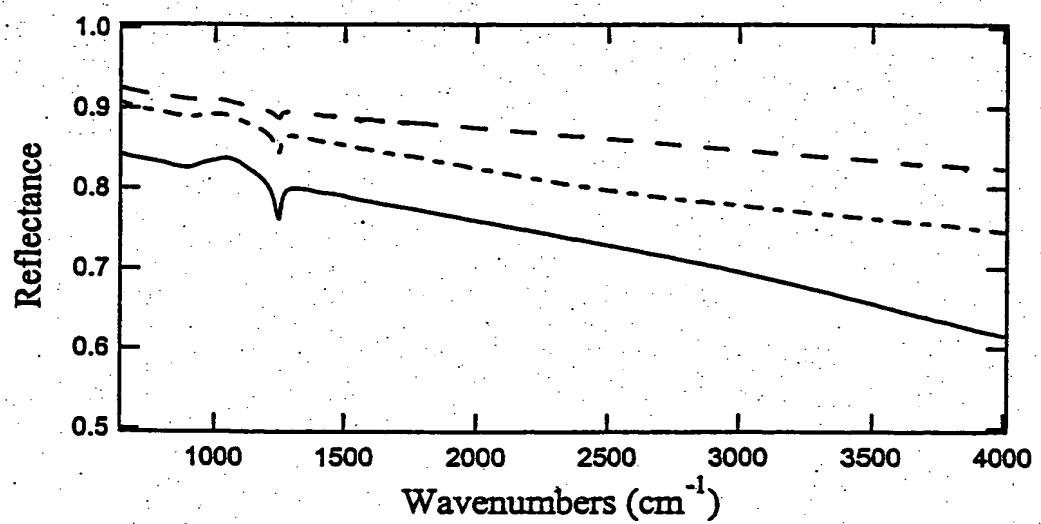


FIG. 12

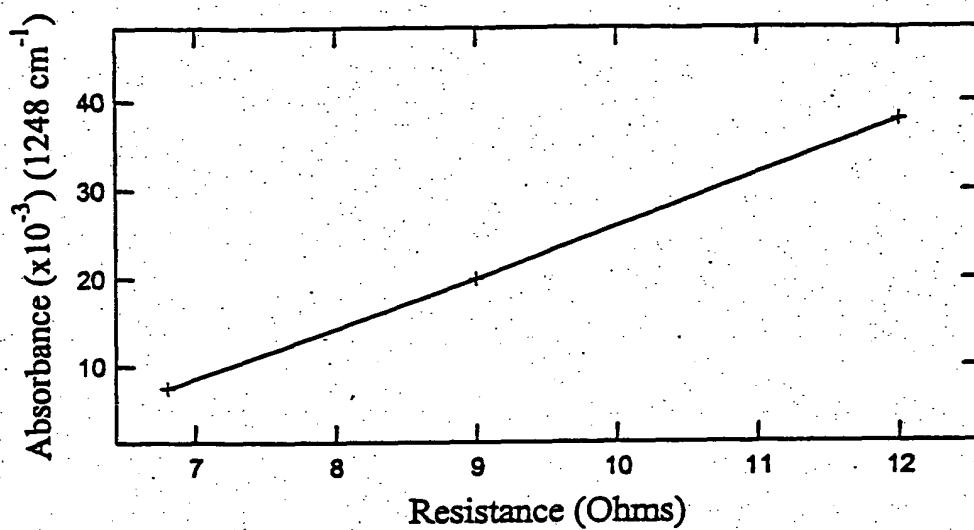


FIG. 13

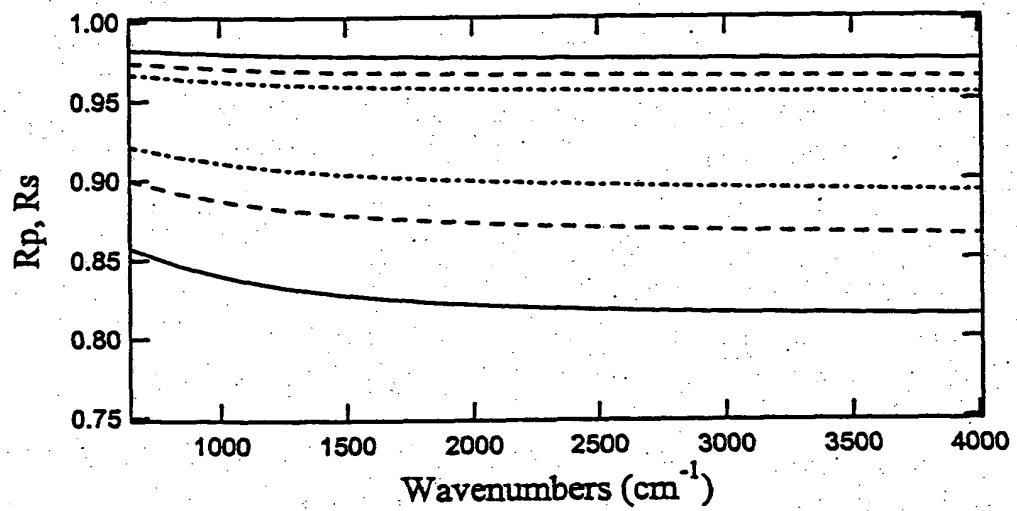


FIG. 14

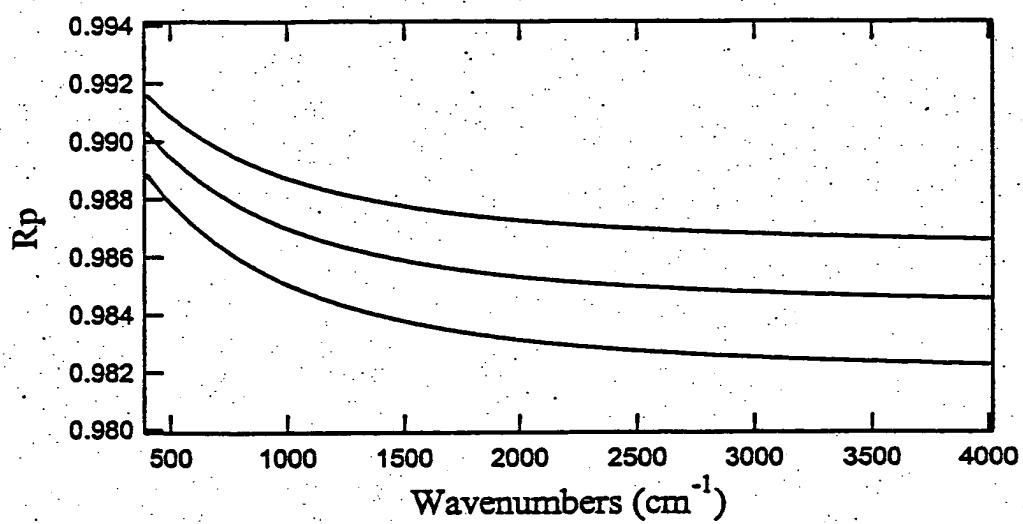


FIG. 15

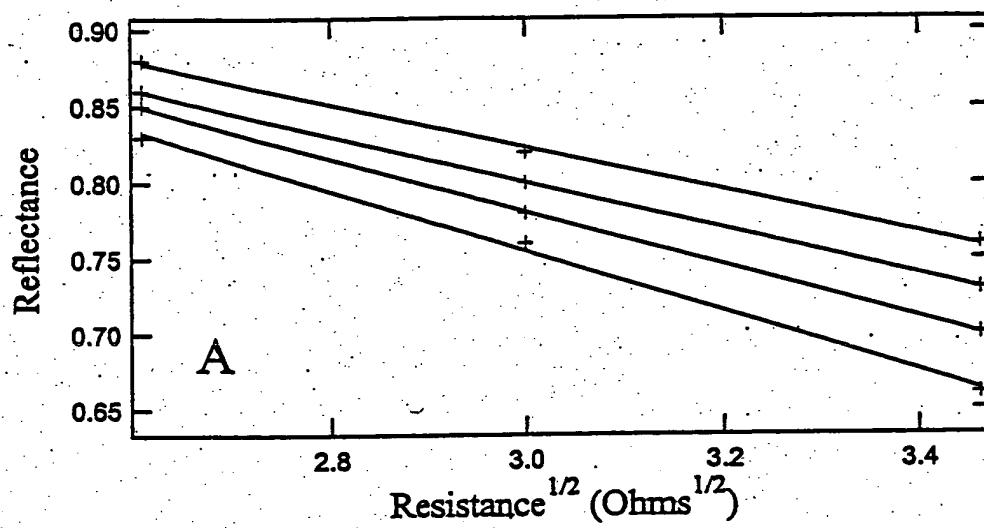


FIG. 16A

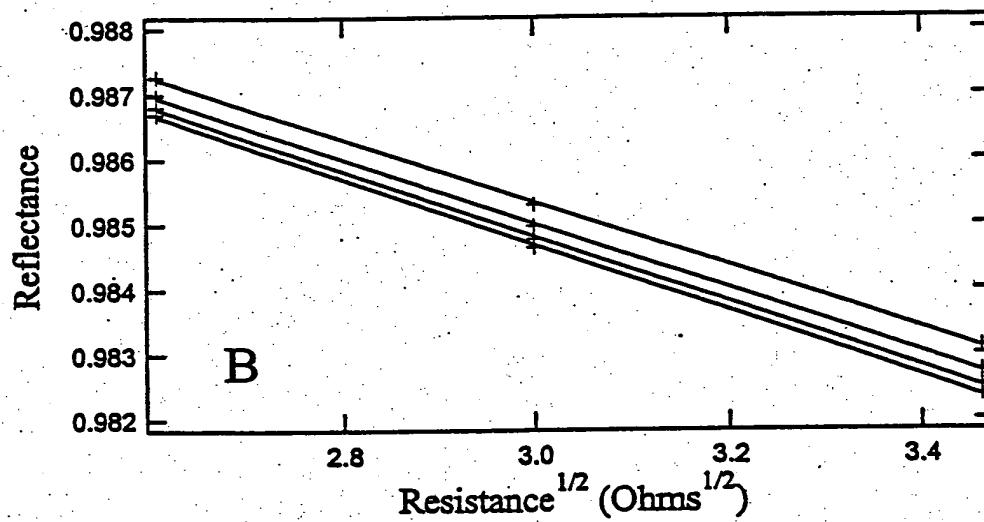


FIG. 16B

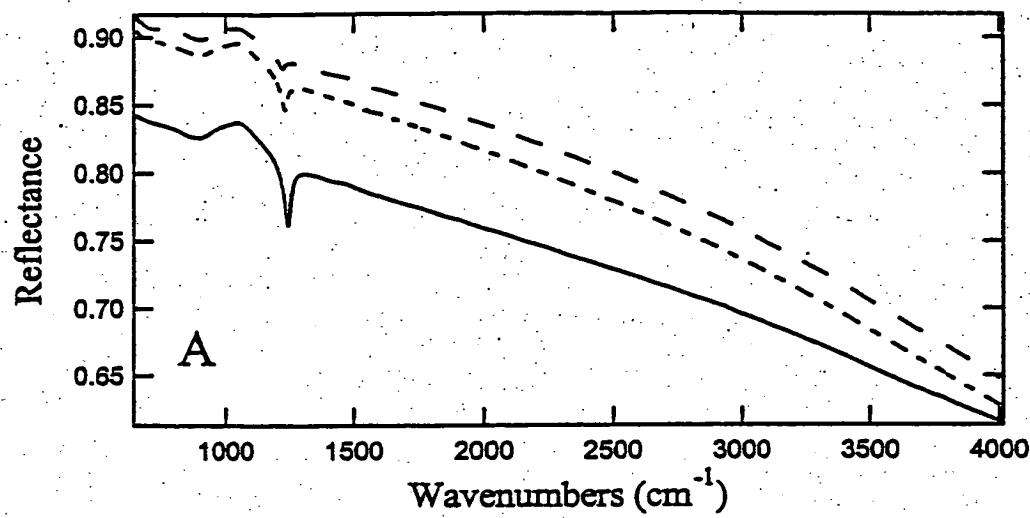


FIG. 17A

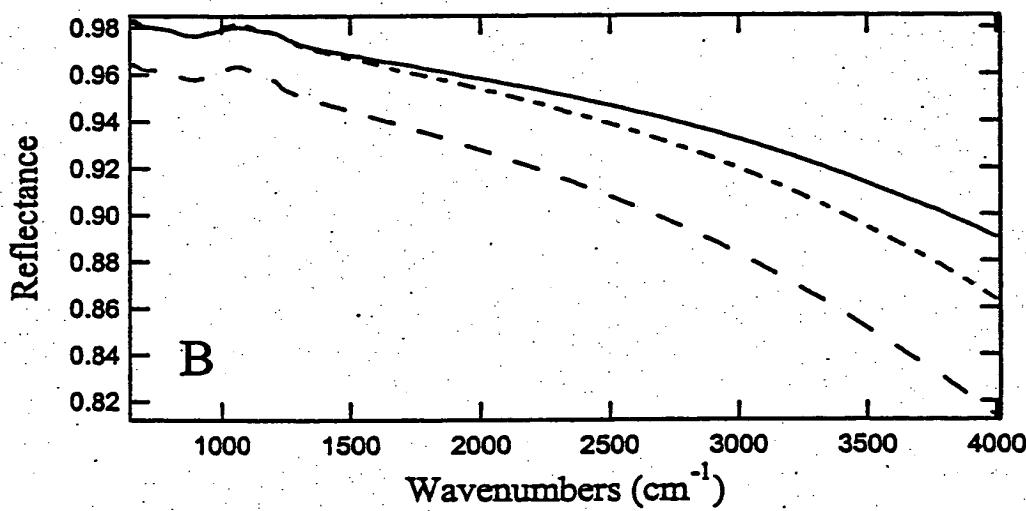


FIG. 17B

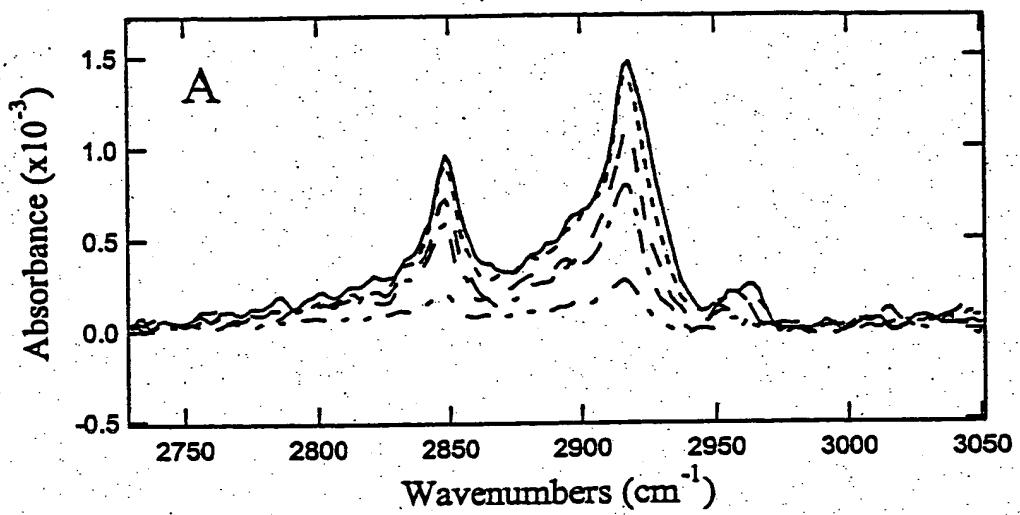


FIG. 18A

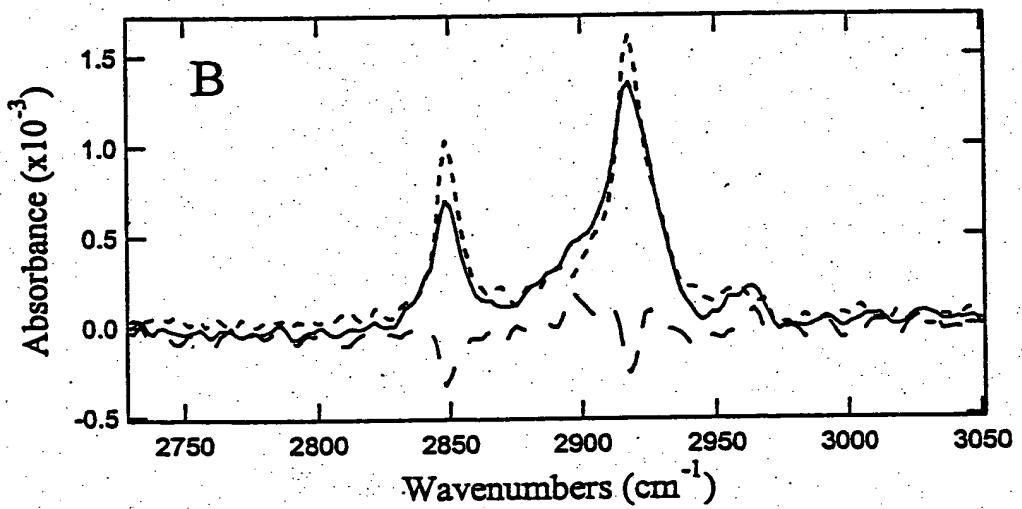


FIG. 18B

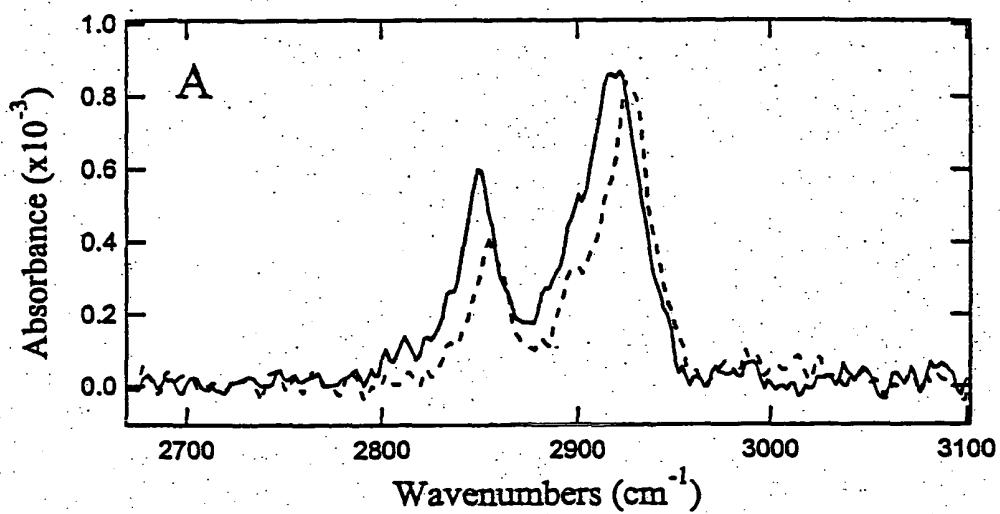


FIG. 19A

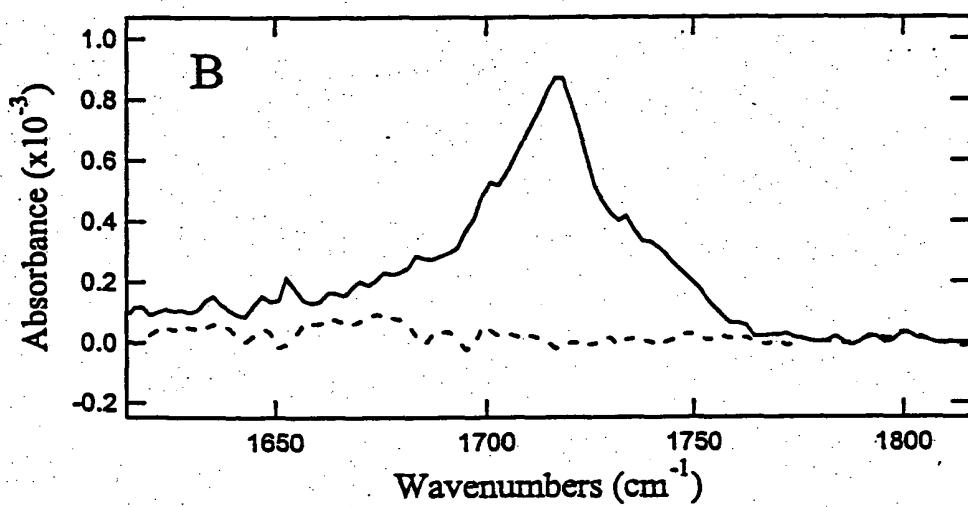


FIG. 19B

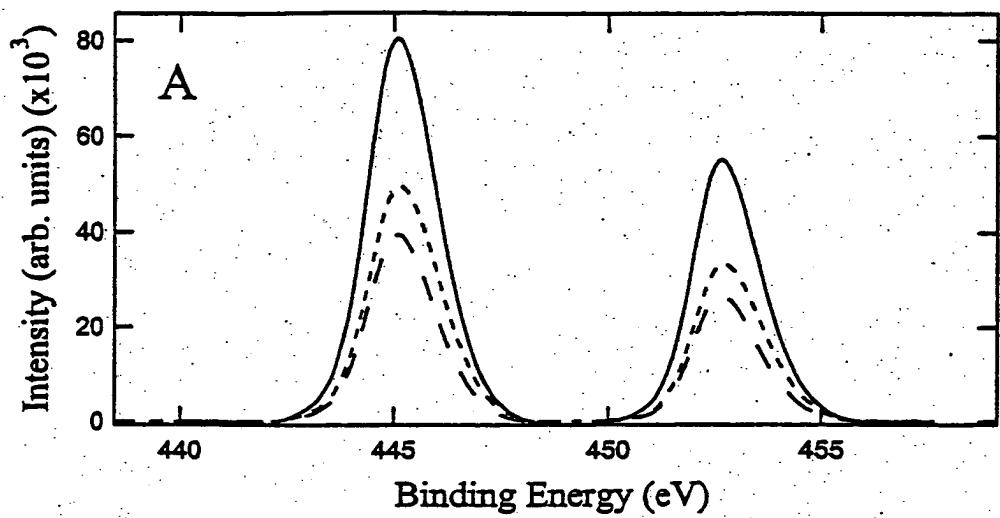


FIG. 20A

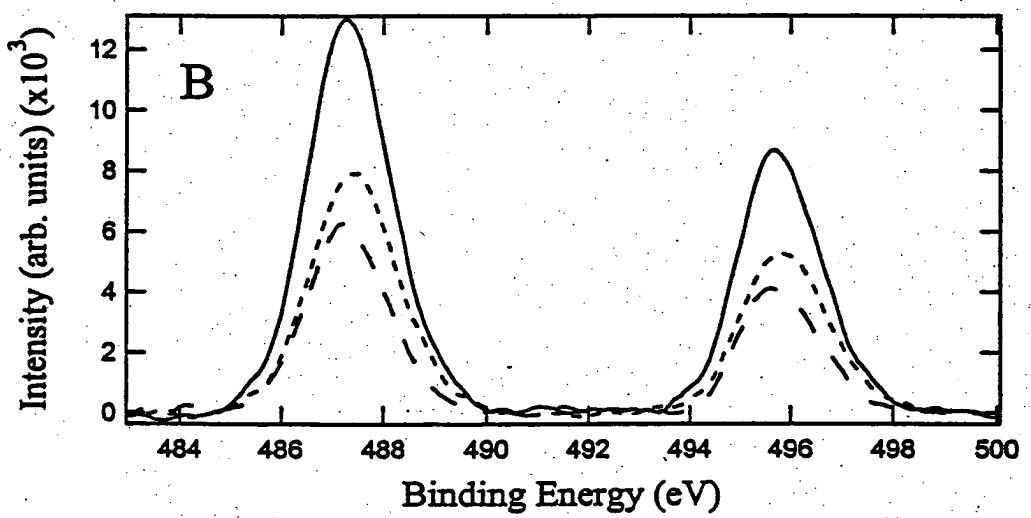


FIG. 20B

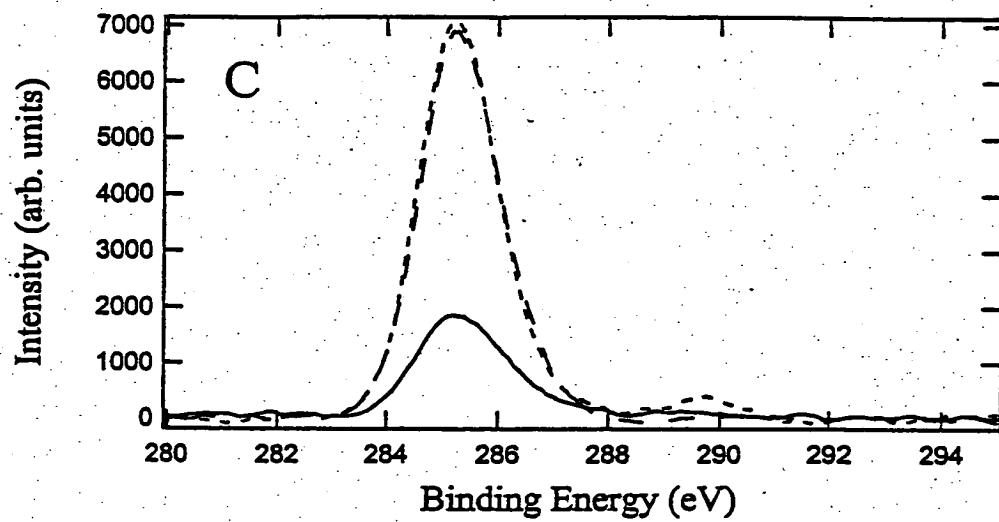


FIG. 20C

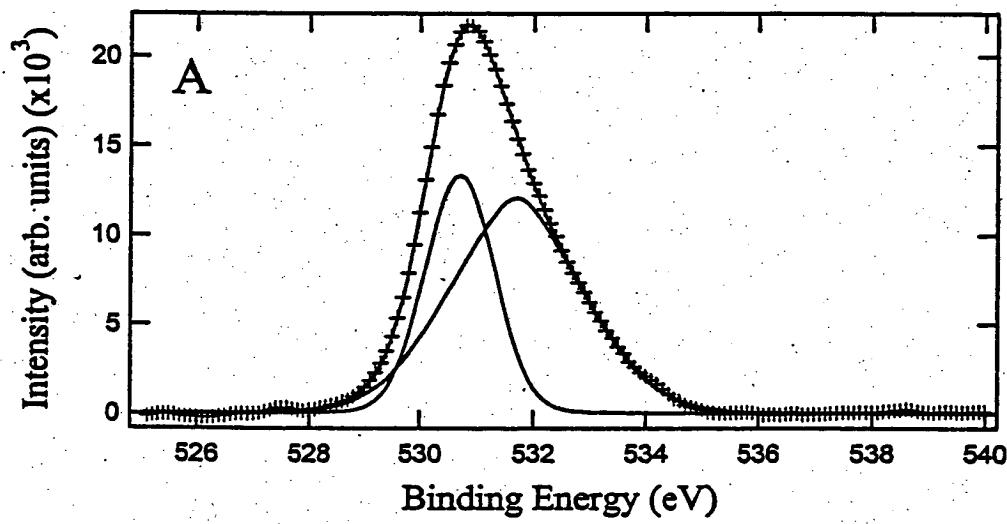


FIG. 21A

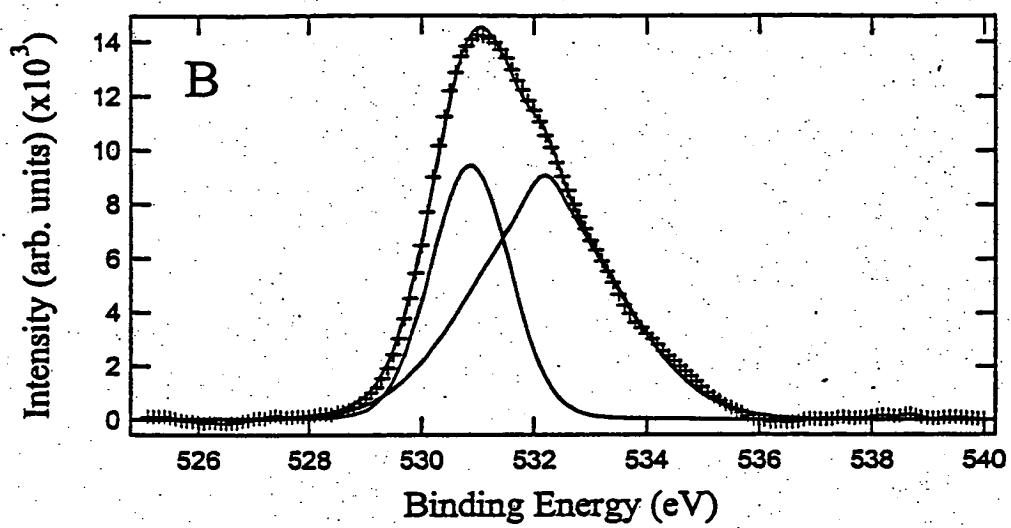


FIG. 21B

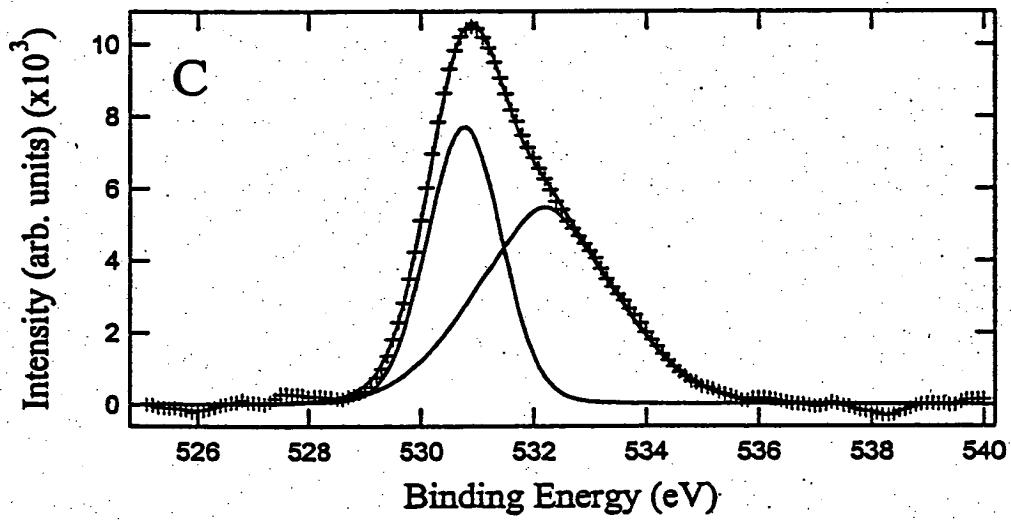


FIG. 21C

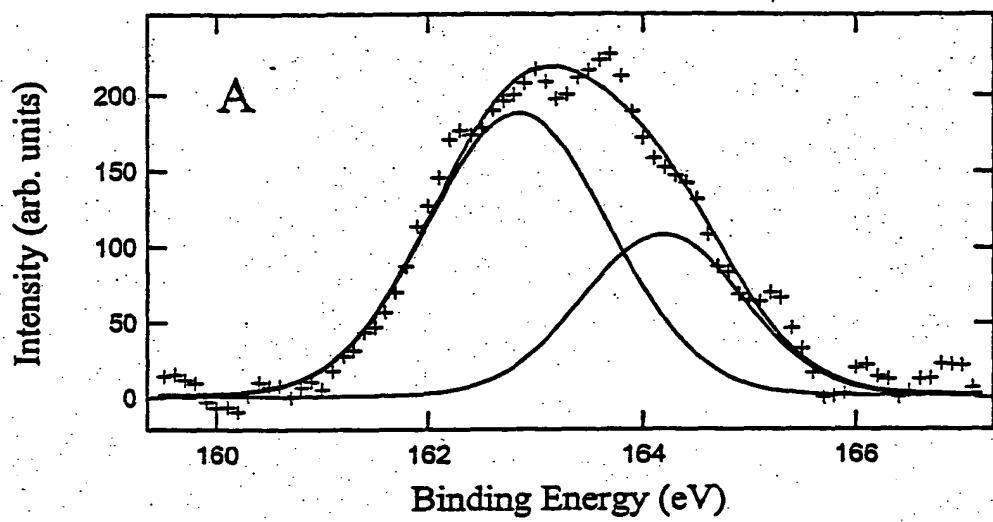


FIG. 22A

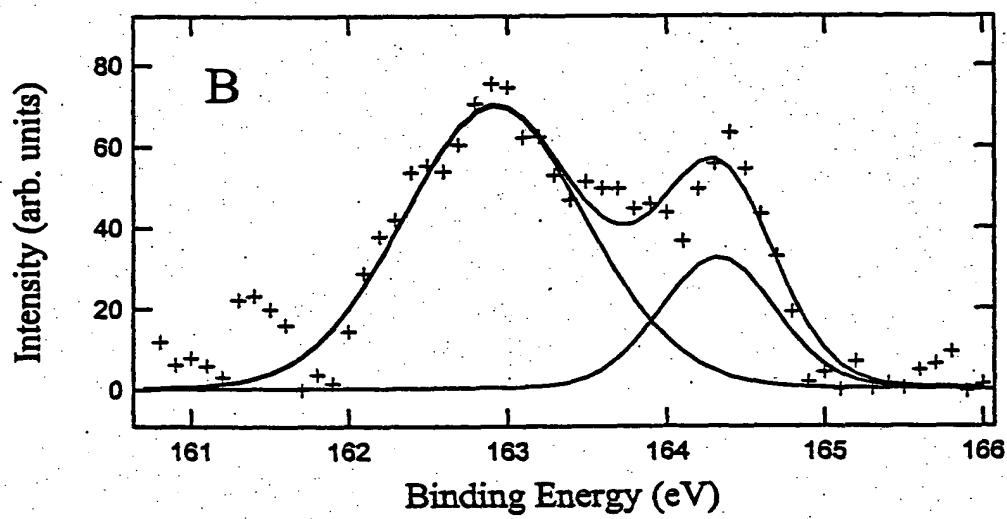


FIG. 22B

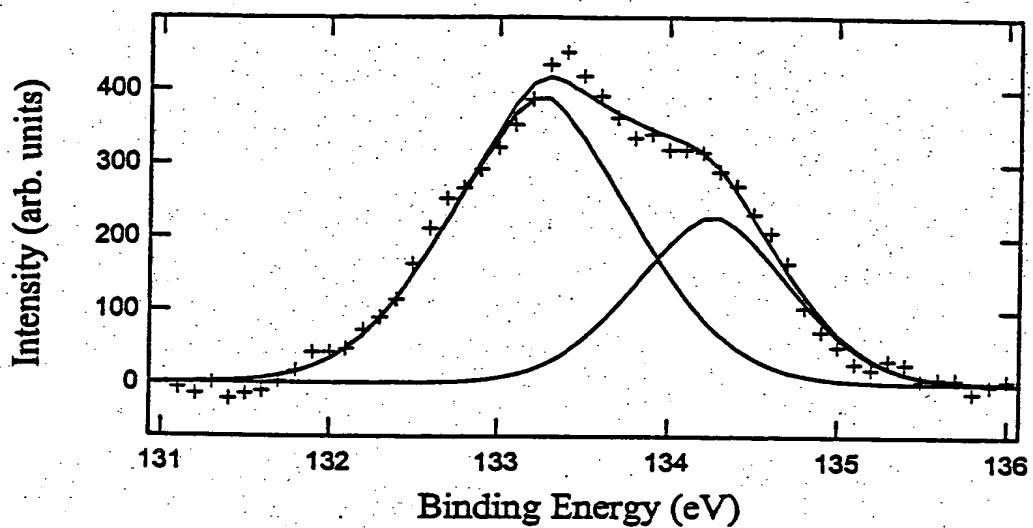


FIG. 23

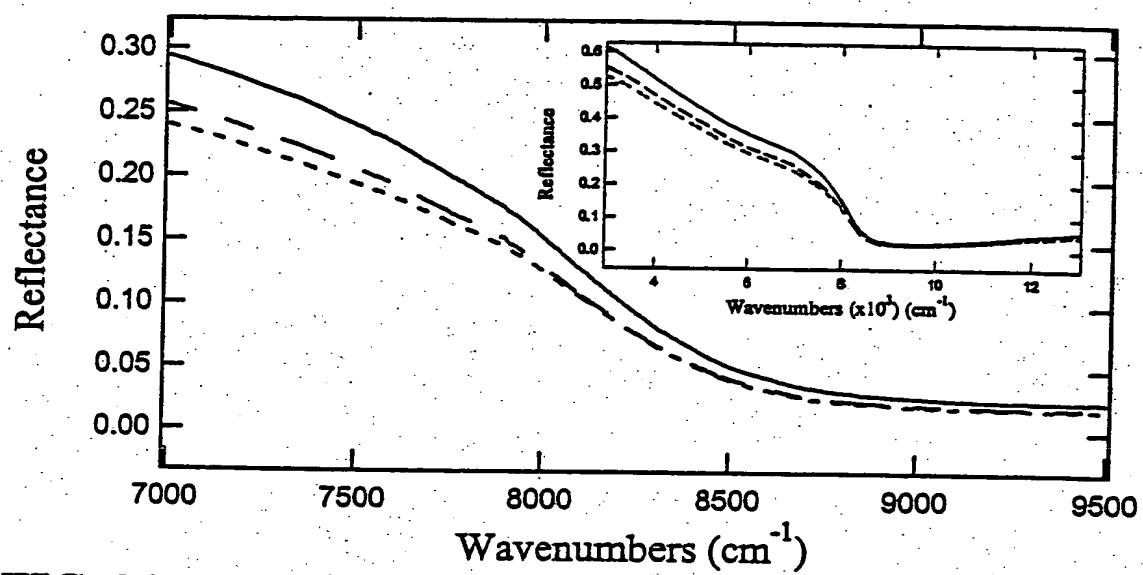


FIG. 24A

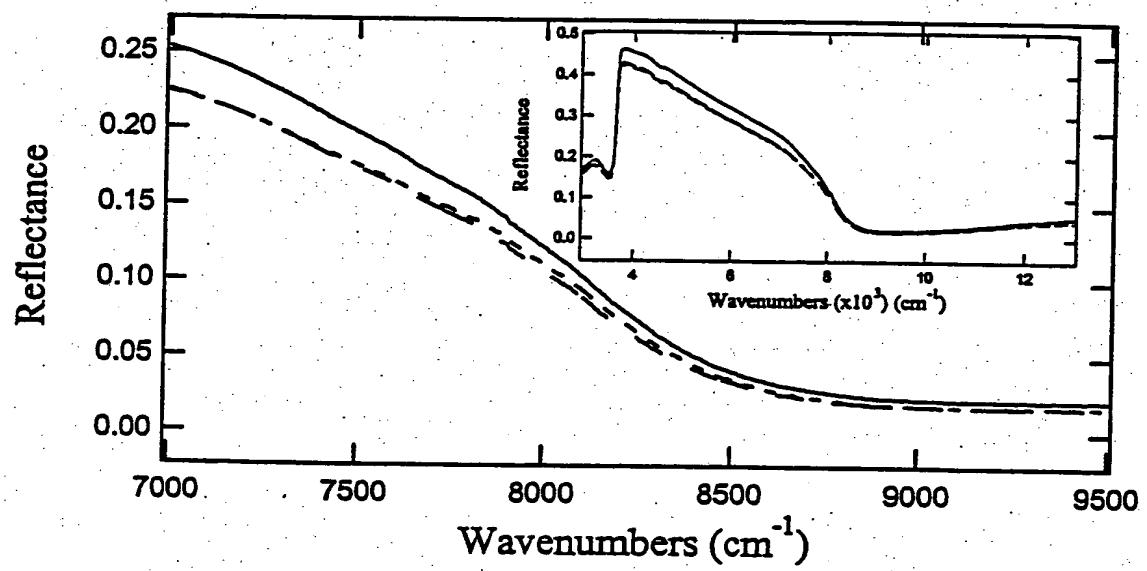


FIG. 24B

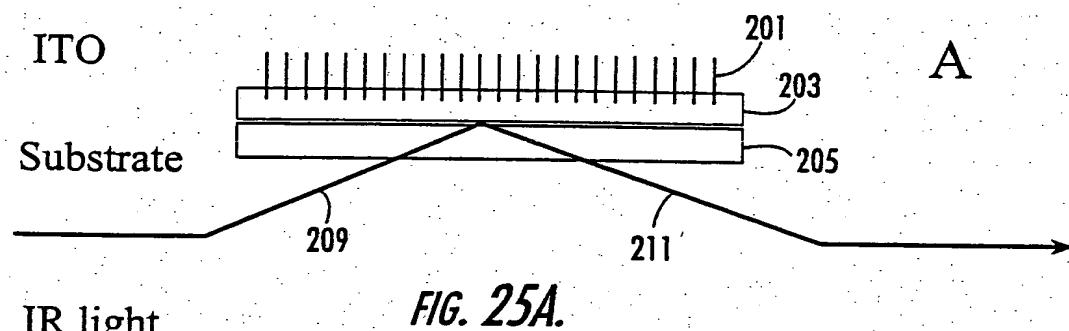


FIG. 25A.

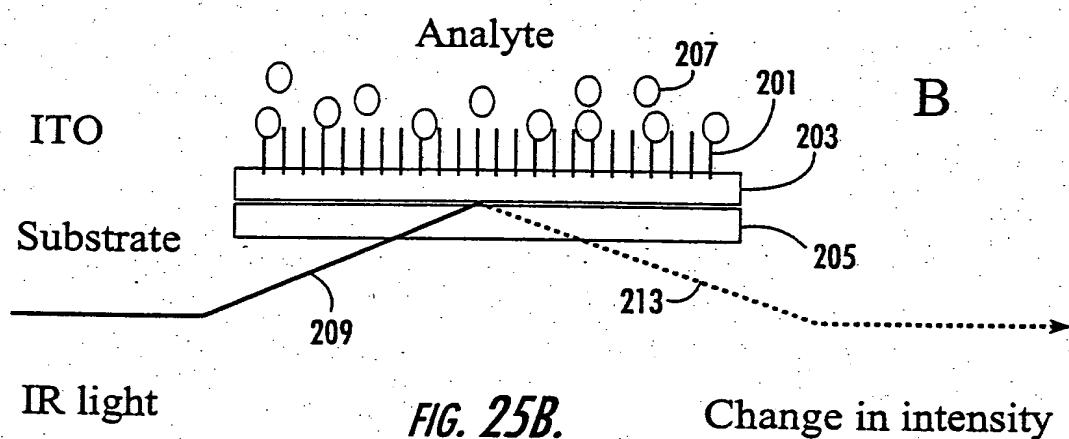
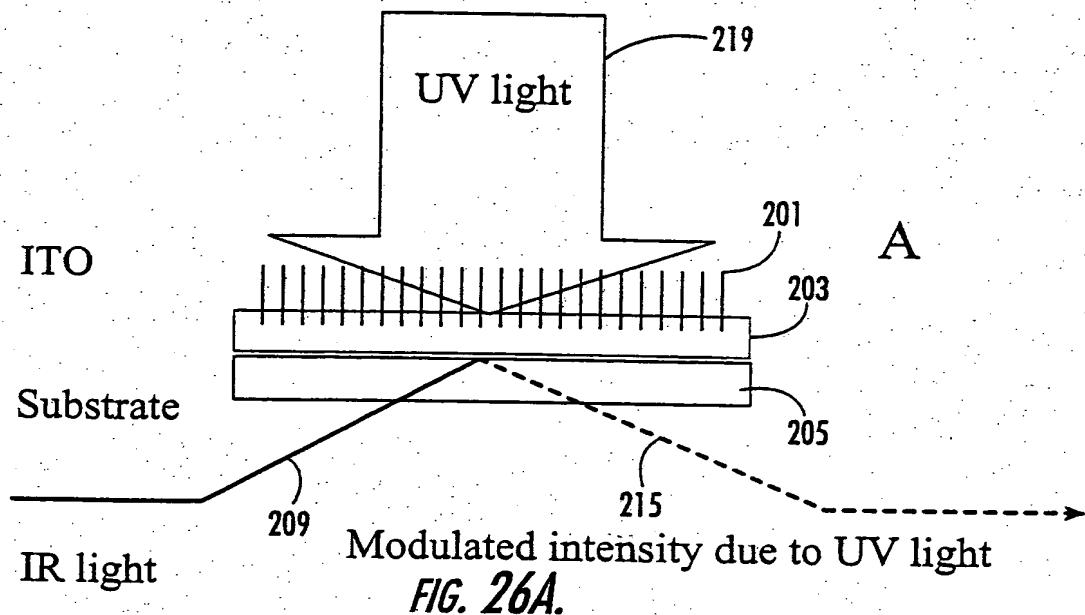


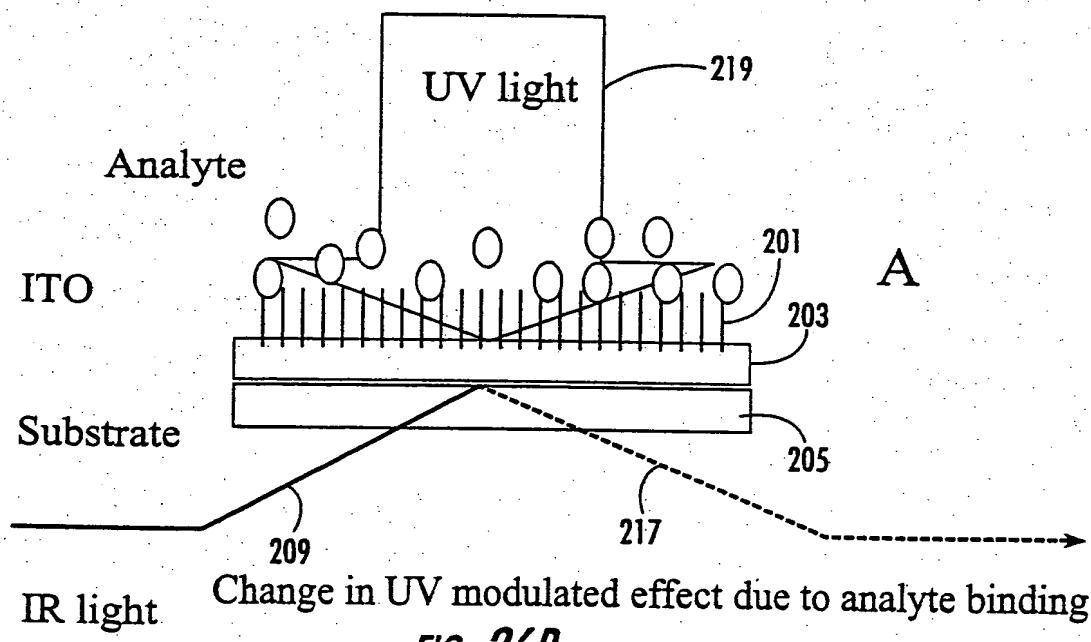
FIG. 25B.

Change in intensity



Modulated intensity due to UV light

FIG. 26A.



Change in UV modulated effect due to analyte binding

FIG. 26B.